

COUNTRY USSR(Saratov Oblast)

DATE DISTR. 21 March 1952

SUBJECT Mechanical Plant No 2 at Saratov

NO OF PAGES 1

PLACE
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1. Mechanical Plant No 2 (Mekhanicheski Zavod No 2), a plant manufacturing tractor parts, was on Chernishevskaya Street, south of a barracks building in Saratov and about 300 meters from the Volga River bank. This was an old plant which was expanded by the construction of three new buildings. Electricity was supplied by the SarGres power plant. Early in 1947, gas was piped to the foundry.
2. The plant comprised a foundry, a molding and dressing shop, a hardening shop, a machine shop, a small forge, a grinding shop for piston rings, a cylinder boring shop, a cogwheel section, a repair section, a tool-making shop, a boiler house, a transformer and gas distribution station, and three new buildings. The mechanical equipment consisted of Russian, German and American machines. *
3. Until early in 1945, shells were turned in the plant. Tractor parts were manufactured in 1948 and 1949. The daily output was 400 to 600 engine pistons, 100 to 160 cylinder bushings, about 900 piston pins and about 100 differential gear wheels. Production included also piston rings, gear shafts, pinion wheels and other small parts. Large flywheels were manufactured after 1947. In 1948, about 80 flywheels were produced daily.
4. Mechanical Plant No 2 supplied the tank and tractor plant in Saratov. ** Pig iron as well as semifinished cogwheels and flywheels were delivered to the plant. In 1948 and 1949, the plant employed about 1,200 persons. Work was done in three shifts.

25X1A * Comment. For location and layout of the plant, see Annexes 1 and 2. Annex 1 is based on information supplied by all sources and on an aerial photograph of 30 September 1942.

25X1A ** Comment. The tank and tractor plant mentioned is presumably the Tractor-detail Plant located northeast of the Saratov railroad station. According to one source, Plant No 2 was affiliated with Plant No 44, located in the southwestern section of Saratov.

2 Annexes: 2 sketches on ditto.

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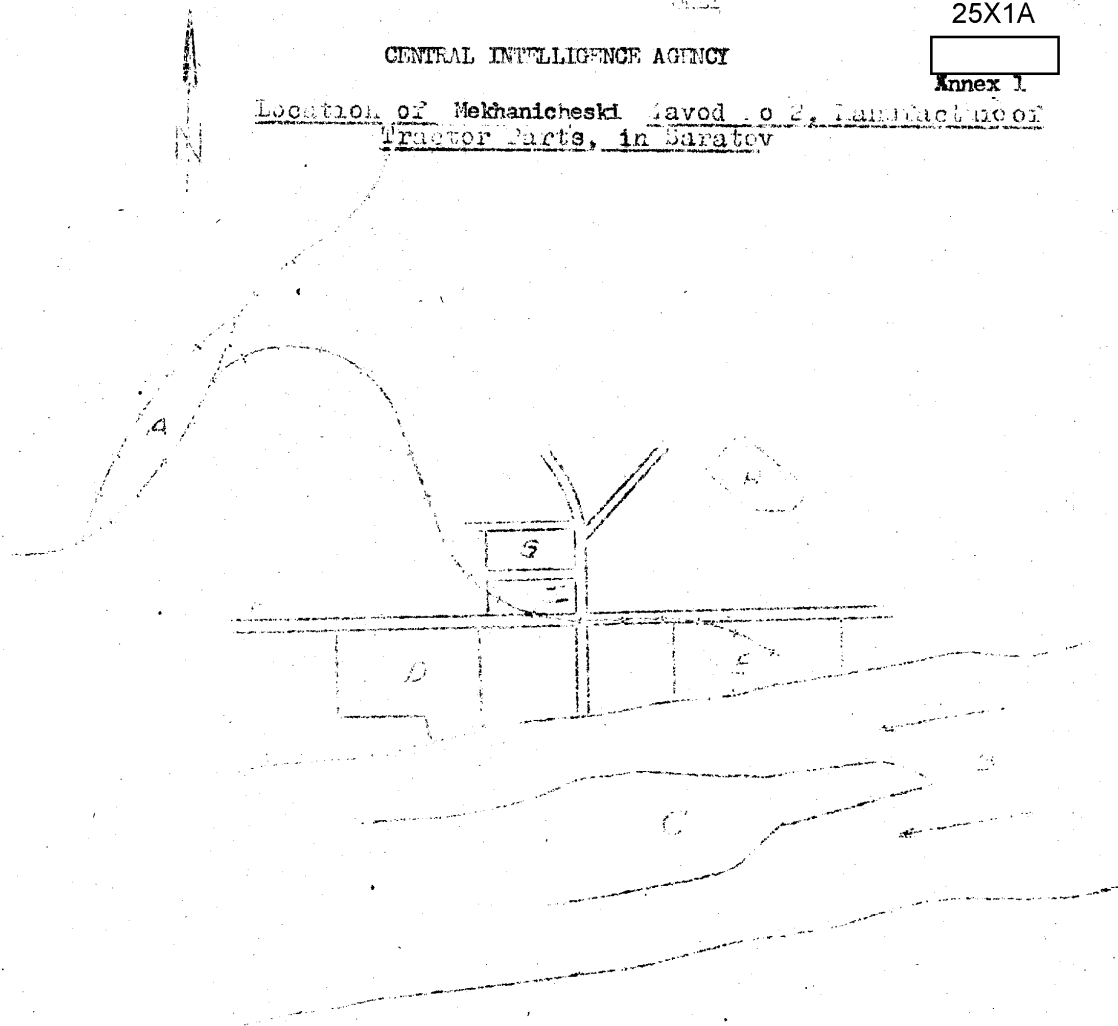
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Annex 1

Location of Mekhanicheski Zavod No 2, Manufacturer of Tractor Parts, in Saratov



Scale 1:25000

- A Saratov freight station
- B Volga River
- C Island
- D Station depot, saw mills and bread factories
- E Station depot, saw mills and bread factories
- F Chernishevskaya Street
- G Small wooden barracks building
- H Large wooden barracks building
- I Mekhanicheski Zavod No 2

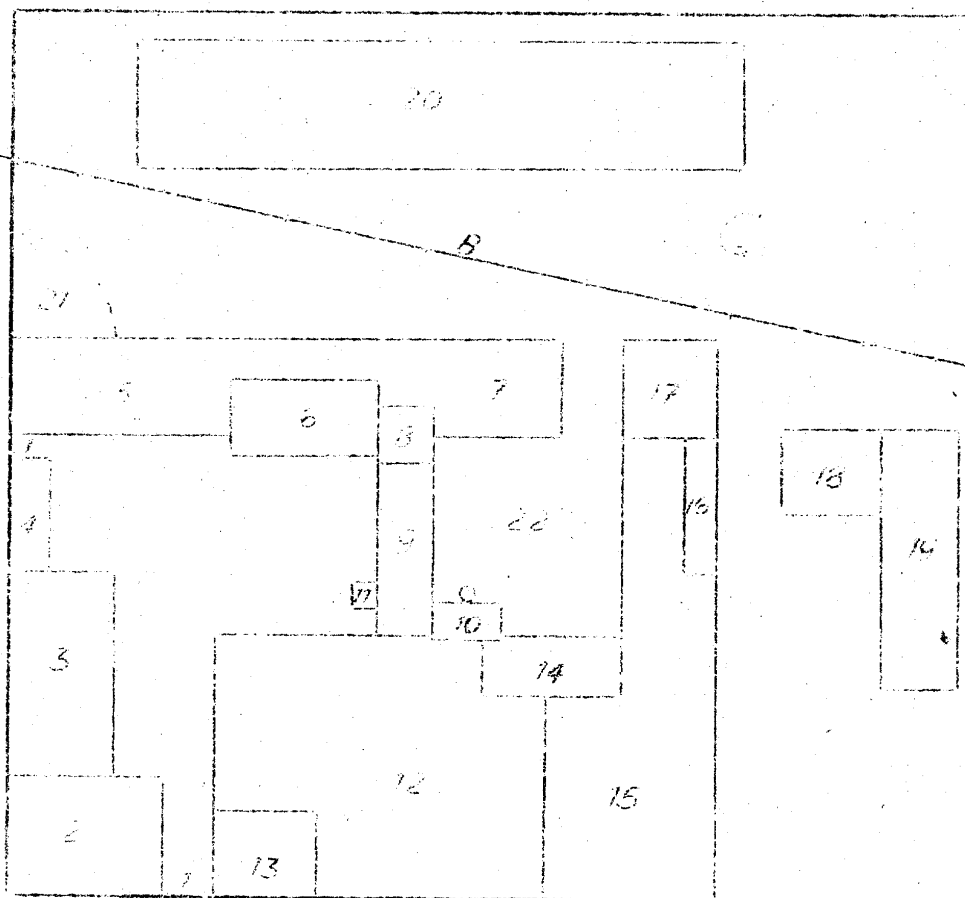
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Annex 2

LAYOUT SKETCH OF OFFICE SPACES SAVED
IN SARGOLV



Legend: See next page

Scale 1:1000

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Annex 2

Legend:

- A. Chernishevskaya Street.
- B. Industrial railroad line.
- C. Mekhanicheski Zavod No 2.
 - 1. Entrance gates.
 - 2. Three-story office building.
 - 3. Kitchen, club, etc.. three-story building.
 - 4. Transformer station and gas distributing station.
 - 5. Foundry, dressing and molding shop equipped with two drying furnaces, 6 cylinder-casting machines and 10 piston-casting machines.
 - 6. Room containing three smelting furnaces, which were converted to gas heating during the period of observation.
 - 7. Hardening shop with two large and one small hardening furnace, one oil bath and one water bath.
 - 8. Small forge.
 - 9. Grinding shop for piston rings, with grinding machines of American make.
 - 10. Boiler house.
 - 11. Room used for packing piston rings.
 - 12. Cylinder-boring shop with about 100 machine tools, one material test shop and shipping department.
 - 13. Repair section.
 - 14. Section for final acceptance of all parts.
 - 15. Machine shop.
 - 16. Control office (Kontrollstellen).
 - 17. Cogwheel section equipped with about 10 milling machines, 3 horizontal milling machines, grinding machines and lathes.
 - 18. Material warehouse, new building, in use since early 1948.
 - 19. Tool-making shop, new building, in use since early 1948.
 - 20. New building. It was said that piston rings would be manufactured here. Production started in a small section of the workshop in October 1949, but the workshop had not been completed by November 1949.
 - 21. Refuse and scrap dump.
 - 22. Factory yard.

The department listed as items 5 to 17 consisted of many small interconnected buildings.

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